

WPI / Thomson

AN - 2001-205033 [21]

AP - JP19990136397 19990517

CN - RA0A94-K RA0A94-M RA0A94-T RA00JW-K RA00JW-M RA00JW-T RA0149-K
RA0149-M RA0149-T

CPY - NONO-N

DC - B05 D13

DCR - [1] 96077 CL; 99222 CL; 109103 CL

DW - 200121

IN - HIRAMOTO K; IWATA Y; SAKAIDA T; SUZAKI S

LNKA - 2001-061176

M1 - [01] M431 M782 M905 P714 Q211; RA0A94-K RA0A94-M RA0A94-T

M2 - [02] B415 B701 B713 B720 B815 B831 C108 C810 H1 H181 H4 H402 H482 H8
K0 L7 L722 M210 M211 M273 M283 M312 M313 M321 M332 M342 M343 M383 M392
M411 M431 M510 M520 M530 M540 M640 M782 M904 M905 P714 Q211; RA00JW-K
RA00JW-M RA00JW-T

- [03] D012 D016 D022 D120 H4 H401 H441 H8 M210 M211 M225 M232 M240 M282
M320 M412 M431 M511 M520 M530 M540 M782 M904 M905 P714 Q211; RA0149-K
RA0149-M RA0149-T

MC - B03-H B04-A10B B04-B01B B05-B01P B10-C04E B14-J01A4 D03-H01T2

PA - (NONO-N) NONOGAWA SHOJI KK

PN - JP2000325040 A 20001128 DW200121

PR - JP19990136397 19990517

XIC - A23L-001/00; A23L-001/30; A61K-031/00; A61K-031/185; A61K-031/20;
A61K-031/202; A61K-031/59; A61K-031/683; A61K-031/685; A61K-036/00;
A61P-025/00

AB - NOVELTY :

Learning and memory power improvement food stuff, comprises
docosahexanoic acid, ginkgo leaf extract, lecithin and tocopherol.

- ACTIVITY :

Nootropic.

- MECHANISM OF ACTION :

None given.

- USE :

As health food for improving learning and memory ability.

- ADVANTAGE :

The food stuff has excellent learning and memory power improvement effect. Synergistic effect is achieved by administering docosahexanoic acid, ginkgo leaf extract, lecithin and tocopherol. A capsule containing 360 mg of the food stuff (docosahexanoic acid, ginkgo leaf extract, lecithin and tocopherol) was administered to 10 adults at a dose of 3 capsules/day for 10 days. A control group was administered only with ginkgo leaf extract and docosahexanoic acid. Memory power enhancement was evaluated and improved memory power was observed in persons administered with the capsule containing docosahexanoic acid, ginkgo leaf extract, lecithin and tocopherol when compared with the persons administered with ginkgo leaf extract and docosahexanoic acid.

- ORGANIC CHEMISTRY :

Preferred Composition Ratio: The weight ratio of

(1) docosahexanoic acid and ginkgo leaf extract in the food stuff is 1-6;

(2) tocopherol and phosphatidyl choline in lecithin is 1-50; and

(3) mixture of tocopherol and phosphatidyl choline in lecithin and mixture of docosahexanoic and ginkgo leaf extract is 0.022-0.24. The ginkgo leaf extract is flavone glycoside.

- ADMINISTRATION :

No administration details given.

- EXAMPLE :

(In parts) docosahexanoic acid containing fish oil (60.0), ginkgo leaf extract (15.0), soybean lecithin (2.0), tocopherol containing vegetable oil extract (4.0), bees wax (14.0) and glycerol fatty acid ester (5.0) were mixed and stirred uniformly. A soft capsule coated with gelatin was filled with 360 mg of the above mixture.

ICAI- A23L1/00; A23L1/30; A61K31/00; A61K31/20; A61K31/202; A61K31/59; A61K31/685; A61K36/00; A61P25/00

ICCI- A23L1/00; A23L1/30; A61K31/00; A61K31/185; A61K31/59; A61K31/683; A61K36/00; A61P25/00

INW - HIRAMOTO K; IWATA Y; SAKAIDA T; SUZAKI S

IW - NUTRIENT FOOD STUFF ENHANCE LEARNING MEMORY POWER COMPRISE ACID LEAF EXTRACT LECITHIN TOCOPHEROL

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NC - 1

NPN - 1

OPD - 1999-05-17

PAW - (NONO-N) NONOGAWA SHOJI KK

PD - 2000-11-28

TI - Nutritive food stuff for enhancing learning and memory power comprises, docosahexanoic acid, ginkgo leaf extract, lecithin and tocopherol